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<120> Prevention, therapy and prognosis/monitoring in sepsis and septic shock

<130> P59702US00

<140> US  
<141> 2004-12-22

<150> PCT/NL03/00475  
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<170> PatentIn version 3.1

<210> 1  
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<212> PRT  
<213> Artificial Sequence

<220>  
<223> human apoCI peptide

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Met Arg Glu Trp Phe Ser Glu Thr Phe Gln Lys Val Lys Glu Lys Leu  
1 5 10 15

Lys

<210> 2  
<211> 56  
<212> PRT  
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<223> human apoCI peptide

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Thr Pro Asp Val Ser Ser Ala Leu Asp Lys Leu Glu Phe Gly Asn Thr  
1 5 10 15

Leu Glu Asp Lys Ala Arg Glu Leu Ile Ser Arg Ile Lys Gln Ser Glu  
20 25 30

Leu Ser Ala Lys Met Arg Glu Trp Phe Ser Glu Thr Phe Gln Lys Val  
35 40 45

Lys Glu Lys Leu Lys Ile Asp Ser

50

55

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<400> 3

Ser Ala Lys Arg Glu Trp Phe Ser Glu Thr Phe Gln Lys Val Lys Glu  
 1 5 10 15

Lys Leu Lys Ile Asp Ser  
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<210> 4  
 <211> 7  
 <212> PRT  
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 <223> C-terminal part of human apoCI

<400> 4

Lys Val Lys Glu Lys Leu Lys  
 1 5

<210> 5  
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Lys Trp Lys Tyr Lys Gly Lys  
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 <223> LPS-binding sequence of CAP18

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Lys Ile Lys Glu Lys Leu Lys  
 1 5

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 <212> PRT  
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Ala Pro Asp Val Ser Ser Ala Leu Asp Lys Leu Lys Glu Phe Gly Asn  
 1 5 10 15

Thr Leu Glu Asp Lys Ala Trp Glu Val Ile Asn Arg Ile Lys Gln Ser  
 20 25 30

Glu Phe Pro Ala Lys Thr Arg Asp Trp Phe Ser Glu Thr Phe Arg Lys  
 35 40 45

Val Lys Glu Lys Leu Lys Ile Asn Ser  
 50 55

<210> 8  
 <211> 61  
 <212> PRT  
 <213> Canis sp.

<220>  
 <221> SITE  
 <222> (1)..(61)  
 <223> primary amino acid sequence of apoCI

<400> 8

Ala Gly Glu Ile Ser Ser Thr Phe Glu Arg Ile Pro Asp Lys Leu Lys  
 1 5 10 15

Glu Phe Gly Asn Thr Leu Glu Asp Lys Ala Arg Ala Ala Ile Glu Ser  
 20 25 30

Ile Lys Lys Ser Asp Ile Pro Ala Lys Thr Arg Asn Trp Phe Ser Glu  
 35 40 45

Ala Phe Lys Val Lys Glu His Leu Lys Thr Ala Phe Ser  
 50 55 60

<210> 9  
 <211> 62  
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<220>  
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Ala Pro Asp Phe Ser Ser Ala Met Glu Ser Leu Pro Asp Lys Leu Lys  
 1 5 10 15

Glu Phe Gly Asn Thr Leu Glu Asp Lys Ala Arg Ala Ala Ile Glu His  
 20 25 30

Ile Lys Gln Lys Glu Ile Met Ile Lys Thr Arg Asn Trp Phe Ser Glu  
 35 40 45

Thr Leu Asn Lys Met Lys Glu Lys Leu Lys Thr Thr Phe Ala  
 50 55 60

<210> 10  
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 <223> primary amino acid sequence of apoCI

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Ala Pro Asp Leu Ser Gly Thr Leu Glu Ser Ile Pro Asp Lys Leu Lys  
 1 5 10 15

Glu Phe Gly Asn Thr Leu Glu Asp Lys Ala Arg Ala Ala Ile Glu His  
 20 25 30

Ile Lys Gln Lys Glu Ile Leu Thr Lys Thr Arg Ala Trp Phe Ser Glu  
 35 40 45

Ala Phe Gly Lys Val Lys Glu Lys Leu Lys Thr Thr Phe Ser  
 50 55 60